

# STEPHEN FINKEL PHOTOGRAPHY

## Canon AV-1

The Canon AV-1 was introduced in 1979. It was very similar to the 1976 AE-1 but provided "aperture priority auto exposure instead of the AE-1 "shutter speed priority". This camera is not capable of fully manual exposure. The Canon AV-1 is a 35mm (colour and black and white film) SLR Camera with electronically controlled AE (automatic exposure) with image size 24 x 36mm.

There is two different types of lenses used - Canon FD (for full aperture AE) and most FL (for stopped-down AE) Series lenses. The Viewfinder is a fixed Eye-level Pentaprism With a field of view of 92% vertical and 93% horizontal coverage of the actual picture, Magnification is 0.87X at infinity with a standard 50mm lens.

View Finder Information: Split-image/micro prism rangefinder, shutter speed scale and meter needle, red over and underexposure warning indices, battery check/ camera shake warning

Shutter is a Cloth, focal plane shutter with four spindles which is electronically controlled. The shutter release button is an electromagnetic two-step button. Pressing it halfway activates the meter: pressing it all the way sets shutter in operation, with lock and cable release socket. Shutter speed is automatically controlled from 2 sec. to 1/1000 sec. Manual settings for B (bulb) and X-synchronization speed of 1/60. ASA Film speeds dial: ASA 25 to ASA 1600, with lock

Light metering system: Through the lens, central emphasis averaging metering by SPC (silicon Photocell) Meter Coupling Range: EV1 (1 sec. at f/1.4) to EV18 (1/500 sec. at f/22) with ASA 100 film and the FD 50mm f1.4 lens. Exposure correction: shutter speed is automatically reduced 1 ½ steps to increase exposure by pressing back light Mirror: large instant-return type with shock absorbing mechanism Battery check: meter needle/power level index method. By pressing battery check button.

### Accessories:

Canon FD and FL lenses – gives you great pictures

Canon Speedlite 133A, 155A, 177A, 188A and 199A – will give just the right amount of light for your photo

Canon Power winder A or A2 – Allows camera to shoot continuously at about 2 frames per second

